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(19) (CA) **APPLICATION FOR CANADIAN PATENT** (12)

(54) Vehicular Desk Unit

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(73) Same as inventor

(57) 8 Claims

Notice: This application is as filed and may therefore contain an incomplete specification.

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ABSTRACT OF THE DISCLOSURE

A vehicular desk unit comprising a board-like desk member that has a planar writing surface, a tongue-like paper clip used to conveniently secure paper pages and such, two channel-like arms that can removably affix the desk member to the steering wheel of an auto vehicle in juxtaposition with the steering wheel and parallel to such wheel whereby a person seated behind the wheel may comfortably use the desk member as a desk, and a ledger 10 situated at the bottom of the desk member; the ledger may serve as support for books, binders and such.

SPECIFICATION

The present invention relates to a vehicular desk unit.

Various types of vehicular desk units have been invented but they all have proved to be too complicated to use, had too many auxiliary parts, were too costly to manufacture and therefore too expensive to be purchased.

It is desirable to have a vehicular desk unit which is made of a single element, and can be fastened and unfastened to a steering wheel in a single swift action. It is even more desirable to have a vehicular desk unit that can also be used outside of an auto vehicle as a regular clip-board.

The present invention consists of a vehicular desk unit. In one aspect of the invention the vehicular desk unit comprises a board-like desk member having a substantially planar writing surface that has six margins and a pair of square corners formed by the bottom margin and the side margins, and having the top margin parallel with the bottom margin, and a pair of oblique margins running in such directions that may imaginary intersect each other in an imaginary place situated above the top margin and along the median of the desk member. Shifting the imaginary place of intersection of the two oblique margins to the left or to the right will cause the desk member to be placed off centre to the left or respectively to the right of the steering wheel to better accommodate left handed people as well as right handed people. At least two channel-like arms may be connected to the desk member along the oblique margins. The arms can removably affix the desk member to the steering wheel of an auto vehicle in juxtaposition with the steering wheel and parallel to such wheel. The cross section of the arms may be arcuate or angular and the concavity of the arms may be oriented toward the back of the desk member and facing the bottom margin. A tongue may be disposed between the pair of arms and connected to the top margin of the desk member. The head of the tongue may be connected perpendicular to the desk member. The body of the tongue is bent toward the desk member and the distal end of the tongue is bent away from the desk member to form a paper clip. The tongue may touch the desk member with the distal bend. The distal end of the tongue and the desk member form a receiving mouth for paper pages and such. The tongue and the desk member may create a natural housing for pencils, pens or other writing instruments. The tongue may be resiliently flexible. The tongue may be tapered adjacent the head to increase the flexibility of the tongue. A ledger may be connected to the bottom margin of the desk member. The ledger may be substantially planar. The ledger may be substantially perpendicular to the desk member.

In another aspect of the invention, the vehicular desk unit comprises a desk member as described in the first embodiment and the arms, the tongue and the ledger may be integral with the desk member.

In another aspect of the invention, the vehicular desk unit comprises all the elements described in one or all of the previous embodiments but the ledger may be channel-like and the concavity of the ledger facing the tongue. The cross section of the ledger may be arcuate or angular.

In a further aspect of the invention, the vehicular desk unit comprises all the elements described in one or all of the previous embodiments but the tongue may be connected to the desk member by a flexible bar.

The invention, as exemplified by a preferred embodiment, is described with reference to the drawings in which:

Figure I is a perspective view of an embodiment of a vehicular desk unit of the invention; and

Figure II is a frontal view of the vehicular desk unit shown in Figure I; and

Figure III is a side view of the vehicular desk unit shown in Figure I.

Referring to the drawings, the embodiment of the invention shown, a vehicular desk unit comprises: a desk member (1) that has a substantially planar writing surface that has six margins and two square corners formed by the side margins and the bottom, the top margin being parallel with the bottom margin, and two oblique margins imaginary intersect each other above the top margin; at least two channel-like arms (2 and 3) connected to the desk member along the oblique margins. The arms can removably affix the desk member to a steering wheel (6) of any auto vehicle that has such wheel. A tongue-like clip (4) for securing paper pages and such is connected to the desk member along the top margin and between the arms. A ledger (5) is connected to the desk member along the bottom margin of the desk member and substantially perpendicular to the desk member.

Inasmuch as various changes may be made in the relative arrangement and location of the parts without departing from the scope of the present invention, it is not meant to limit the invention except by the scope of the appended claims.

6. A vehicular desk unit as described in claim 1, wherein the tongue is connected to the desk member by a flexible bar.
7. A vehicular desk unit as described in claim 1 and 3, wherein the imaginary place of intersection of the two oblique margins is situated above the top margin and to the left of the median of the desk member, which will cause the desk unit to be placed off centre and to the left of the steering wheel.
8. A vehicular desk unit as described in claim 1 and 3, wherein the imaginary place of intersection of the two oblique margins is situated above the top margin and to the right of the median of the desk member, which will cause the desk unit to be placed off centre and to the right of the steering wheel.

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Fig. I

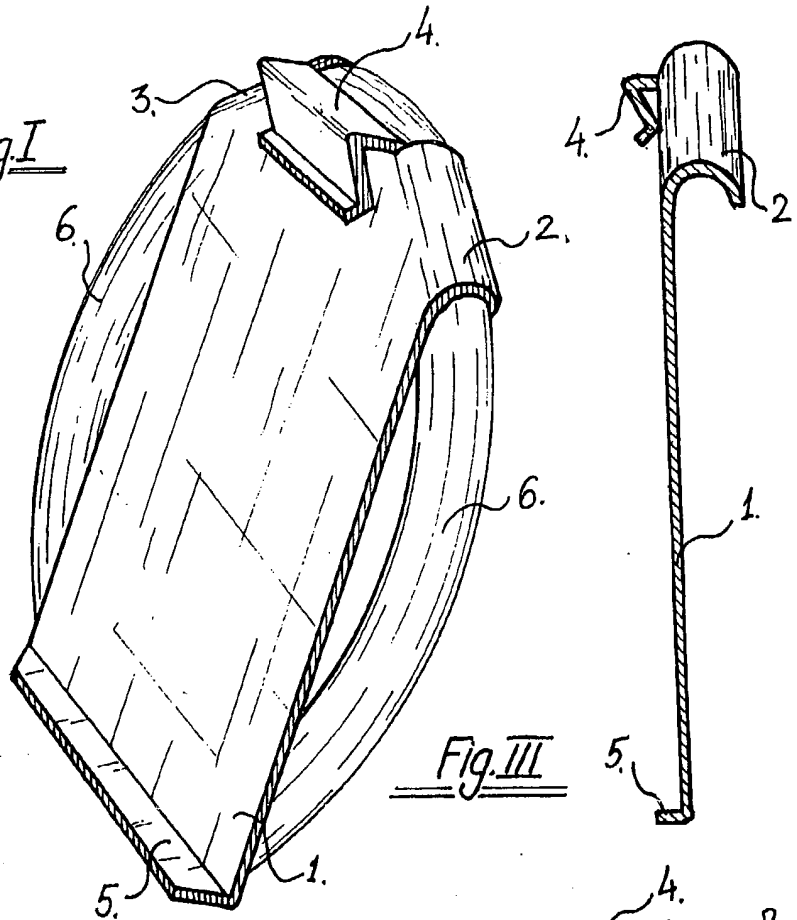


Fig. III

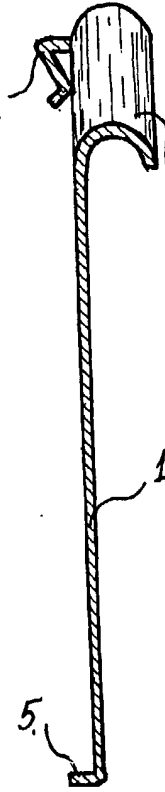
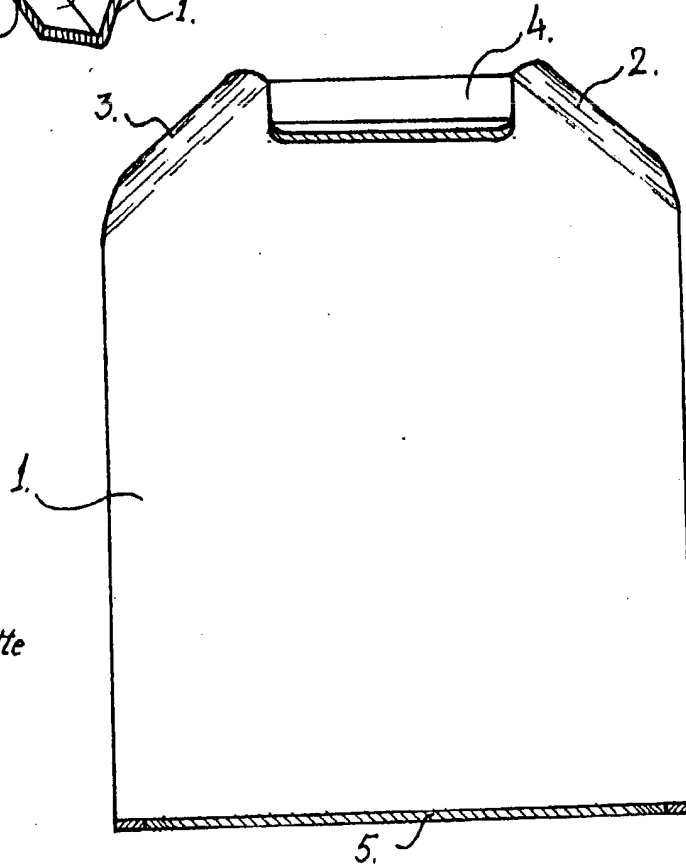


Fig. II



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